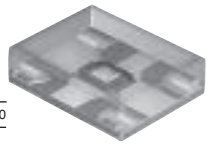
ECLIPTEK MEMS Oscillators

ECLIPTEK CORPORATION

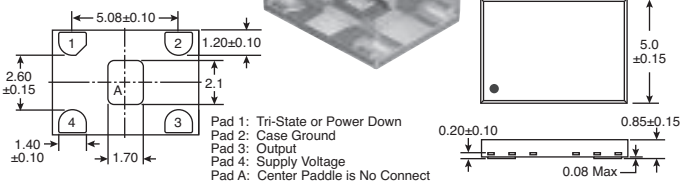
RoHS Compliant This product is RoHS compliant.

EMK12 AND EMK13 SERIES: 5MM X 7MM PACKAGE

Features:
- MEMS First™ Resonator Technology
- LVHCMOS Output
- Stability to ±50ppm
- Tri-State and Power Down Options



DIMENSIONS: mm



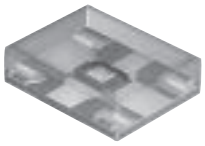
Pad 1: Tri-State or Power Down
Pad 2: Case Ground
Pad 3: Output
Pad 4: Supply Voltage
Pad A: Center Paddle is No Connect

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Ecliptek Part No.	Freq. (MHz)	Volt	Price Each			
				1	10	50	100
669-EMK12H2H-2.048	EMK12H2H-2.048M	2.048	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-20.0	EMK12H2H-20.000M	20.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-25.0	EMK12H2H-25.000M	25.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-27.0	EMK12H2H-27.000M	27.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-30.0	EMK12H2H-30.000M	30.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-40.0	EMK12H2H-40.000M	40.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-48.0	EMK12H2H-48.000M	48.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-50.0	EMK12H2H-50.000M	50.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-66.0	EMK12H2H-66.000M	66.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-80.0	EMK12H2H-80.000M	80.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-100.0	EMK12H2H-100.000M	100.000	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-106.25M	EMK12H2H-106.250M	106.250	2.5	11.24	8.78	7.96	7.02
669-EMK12H2H-125.0	EMK12H2H-125.000M	125.000	2.5	11.24	8.78	7.96	7.02
669-EMK13H2H-2.048	EMK13H2H-2.048M	2.048	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-20.0	EMK13H2H-20.000M	20.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-25.0	EMK13H2H-25.000M	25.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-27.0	EMK13H2H-27.000M	27.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-30.0	EMK13H2H-30.000M	30.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-40.0	EMK13H2H-40.000M	40.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-48.0	EMK13H2H-48.000M	48.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-50.0	EMK13H2H-50.000M	50.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-66.0	EMK13H2H-66.000M	66.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-80.0	EMK13H2H-80.000M	80.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-100.0	EMK13H2H-100.000M	100.000	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-106.250	EMK13H2H-106.250M	106.250	3.3	11.24	8.78	7.96	7.02
669-EMK13H2H-125.00M	EMK13H2H-125.000M	125.000	3.3	11.24	8.78	7.96	7.02

EMK32 AND EMK33 SERIES: 2.5MM X 3.2MM PACKAGE

Features:
- MEMS First™ Resonator Technology
- LVHCMOS Output
- Stability to ±50ppm
- Tri-State and Power Down Options



DIMENSIONS: mm

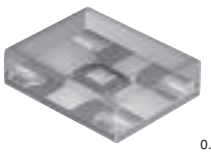
Pad 1: Tri-State or Power Down
Pad 2: Case Ground
Pad 3: Output
Pad 4: Supply Voltage

For quantities of 250 and up, call for quote.

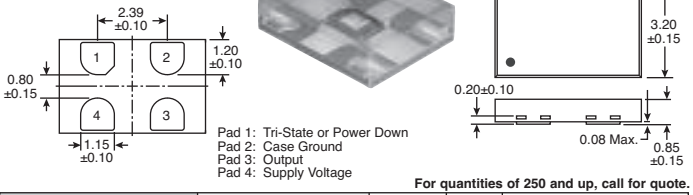
MOUSER STOCK NO.	Ecliptek Part No.	Freq. (MHz)	Volt	Price Each			
				1	10	50	100
669-EMK32H2H-2.048	EMK32H2H-2.048M	2.048	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-20.0	EMK32H2H-20.000M	20.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-25.0	EMK32H2H-25.000M	25.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-27.0	EMK32H2H-27.000M	27.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-30.0	EMK32H2H-30.000M	30.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-40.0	EMK32H2H-40.000M	40.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-48.0	EMK32H2H-48.000M	48.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-50.0	EMK32H2H-50.000M	50.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-66.0	EMK32H2H-66.000M	66.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-80.0	EMK32H2H-80.000M	80.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-100.0	EMK32H2H-100.000M	100.000	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-106.250	EMK32H2H-106.250M	106.250	2.5	11.24	8.78	7.96	7.02
669-EMK32H2H-125.0	EMK32H2H-125.000M	125.000	2.5	11.24	8.78	7.96	7.02
669-EMK33H2H-2.048	EMK33H2H-2.048M	2.048	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-20.0	EMK33H2H-20.000M	20.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-25.0	EMK33H2H-25.000M	25.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-27.0	EMK33H2H-27.000M	27.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-30.0	EMK33H2H-30.000M	30.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-40.0	EMK33H2H-40.000M	40.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-48.0	EMK33H2H-48.000M	48.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-50.0	EMK33H2H-50.000M	50.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-66.0	EMK33H2H-66.000M	66.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-80.0	EMK33H2H-80.000M	80.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-100.0	EMK33H2H-100.000M	100.000	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-106.250	EMK33H2H-106.250M	106.250	3.3	11.24	8.78	7.96	7.02
669-EMK33H2H-125.0	EMK33H2H-125.000M	125.000	3.3	11.24	8.78	7.96	7.02

EMK22 AND EMK23 SERIES: 3.2MM X 5MM PACKAGE

Features:
- MEMS First™ Resonator Technology
- LVHCMOS Output
- Stability to ±50ppm
- Tri-State and Power Down Options



DIMENSIONS: mm



Pad 1: Tri-State or Power Down
Pad 2: Case Ground
Pad 3: Output
Pad 4: Supply Voltage

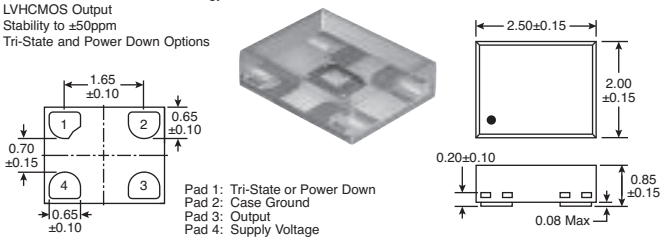
For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Ecliptek Part No.	Freq. (MHz)	Volt	Price Each			
				1	10	50	100
669-EMK22H2H-2.048	EMK22H2H-2.048M	2.048	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-20.0	EMK22H2H-20.000M	20.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-25.0	EMK22H2H-25.000M	25.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-27.0	EMK22H2H-27.000M	27.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-30.0	EMK22H2H-30.000M	30.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-40.0	EMK22H2H-40.000M	40.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-48.0	EMK22H2H-48.000M	48.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-50.0	EMK22H2H-50.000M	50.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-66.0	EMK22H2H-66.000M	66.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-80.0	EMK22H2H-80.000M	80.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-100.0	EMK22H2H-100.000M	100.000	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-106.250	EMK22H2H-106.250M	106.250	2.5	11.24	8.78	7.96	7.02
669-EMK22H2H-125.0	EMK22H2H-125.000M	125.000	2.5	11.24	8.78	7.96	7.02
669-EMK23H2H-2.048	EMK23H2H-2.048M	2.048	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-20.0	EMK23H2H-20.000M	20.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-25.0	EMK23H2H-25.000M	25.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-27.0	EMK23H2H-27.000M	27.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-30.0	EMK23H2H-30.000M	30.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-40.0	EMK23H2H-40.000M	40.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-48.0	EMK23H2H-48.000M	48.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-50.0	EMK23H2H-50.000M	50.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-66.0	EMK23H2H-66.000M	66.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-80.0	EMK23H2H-80.000M	80.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-100.0	EMK23H2H-100.000M	100.000	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-106.250	EMK23H2H-106.250M	106.250	3.3	11.24	8.78	7.96	7.02
669-EMK23H2H-125.0	EMK23H2H-125.000M	125.000	3.3	11.24	8.78	7.96	7.02

EMK42 AND EMK43 SERIES: 2MM X 2.5MM PACKAGE

Features:
- MEMS First™ Resonator Technology
- LVHCMOS Output
- Stability to ±50ppm
- Tri-State and Power Down Options

DIMENSIONS: mm



Pad 1: Tri-State or Power Down
Pad 2: Case Ground
Pad 3: Output
Pad 4: Supply Voltage

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Ecliptek Part No.	Freq. (MHz)	Volt	Price Each			
				1	10	50	100
669-EMK42H2H-2.048	EMK42H2H-2.048M	2.048	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-20.0	EMK42H2H-20.000M	20.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-25.0	EMK42H2H-25.000M	25.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-27.0	EMK42H2H-27.000M	27.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-30.0	EMK42H2H-30.000M	30.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-40.0	EMK42H2H-40.000M	40.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-48.0	EMK42H2H-48.000M	48.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-50.0	EMK42H2H-50.000M	50.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-66.0	EMK42H2H-66.000M	66.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-80.0	EMK42H2H-80.000M	80.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-100.0	EMK42H2H-100.000M	100.000	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-106.250	EMK42H2H-106.250M	106.250	2.5	11.24	8.78	7.96	7.02
669-EMK42H2H-125.0	EMK42H2H-125.000M	125.000	2.5	11.24	8.78	7.96	7.02
669-EMK43H2H-2.048	EMK43H2H-2.048M	2.048	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-20.0	EMK43H2H-20.000M	20.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-25.0	EMK43H2H-25.000M	25.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-27.0	EMK43H2H-27.000M	27.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-30.0	EMK43H2H-30.000M	30.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-40.0	EMK43H2H-40.000M	40.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-48.0	EMK43H2H-48.000M	48.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-50.0	EMK43H2H-50.000M	50.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-66.0	EMK43H2H-66.000M	66.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-80.0	EMK43H2H-80.000M	80.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-100.0	EMK43H2H-100.000M	100.000	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-106.250	EMK43H2H-106.250M	106.250	3.3	11.24	8.78	7.96	7.02
669-EMK43H2H-125.0	EMK43H2H-125.000M	125.000	3.3	11.24	8.78	7.96	7.02

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